

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:48:46 ; Search time 2351.15 Seconds
(without alignments)
175.416 Million cell updates/sec

Title: US-09-851-670-19

Perfect score: 25
Sequence: 1 gctgctgctgctgctccttcttgc 25

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1472140 seqs, 8248589755 residues

Total number of hits satisfying chosen parameters: 586436

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : GenBml:*
1: gb.ba:*
2: gb.htg:*
3: gb.in:*
4: gb.om:*
5: gb.ov:*
6: gb.pat:*
7: gb.ph:*
8: gb.pl:*
9: gb.pr:*
10: gb.ro:*
11: gb.sts:*
12: gb.sy:*
13: gb.un:*
14: gb.vi:*
15: em.ba:*
16: em.fun:*
17: em.hum:*
18: em.in:*
19: em.om:*
20: em.or:*
21: em.ov:*
22: em.pat:*
23: em.ph:*
24: em.pl:*
25: em.ro:*
26: em.sts:*
27: em.sy:*
28: em.un:*
29: em.vi:*
30: em.htgo.hum:*
31: em.htgo.inv:*
32: em.htgo.rod:*
33: em.htg.hum:*
34: em.htg.inv:*
35: em.htg.rod:*
36: em.htg.other:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	15.4	61.6	41	9	S80780
2	15	60.0	60	6	E22161
3	14.6	58.4	22	6	AX081807
4	14.6	58.4	22	6	AX081905
5	14.2	56.8	51	6	AX157013
6	14.2	56.8	51	6	AX157014
7	14	56.0	23	6	AX004585
8	13.8	55.2	47	6	AA1406
9	13.8	55.2	47	6	AR091266
10	13.8	55.2	60	6	AR138815
11	13.6	54.4	51	6	AX160625
12	13.6	54.4	51	6	AX160626
13	13.6	54.4	56	3	AF039629
14	13.4	53.6	32	6	A69296
15	13.4	53.6	32	6	A71973
16	13.4	53.6	32	6	AR147161
17	13.4	53.6	39	9	HSTCARB29
18	13.2	52.8	20	12	AB068982
19	13.2	52.8	24	6	E36319
20	13.2	52.8	25	6	E14083
21	13.2	52.8	36	6	A47908
22	13.2	52.8	36	6	AR028431
23	13.2	52.8	39	6	A14923
24	13.2	52.8	51	6	A14924
25	13.2	52.8	51	6	AX158056
26	13	52.0	26	6	AR153330
27	13	52.0	26	6	AX045398
28	13	52.0	26	6	AX045445
29	13	52.0	26	6	AX045743
30	13	52.0	26	6	AX045807
31	13	52.0	30	6	190037
32	13	52.0	40	6	118869
33	13	52.0	40	6	136795
34	13	52.0	40	6	155999
35	13	52.0	41	6	A62582
36	13	52.0	46	6	AR117906
37	13	52.0	50	6	AX093099
38	12.8	51.2	30	6	AX046577
39	12.8	51.2	36	9	HS010875
40	12.8	51.2	40	6	104762
41	12.8	51.2	41	6	AR147684
42	12.8	51.2	44	6	AR147685
43	12.8	51.2	51	6	AX159110
44	12.8	51.2	51	6	AX165777
45	12.8	51.2	53	6	168860

ALIGNMENTS

RESULT	1	PRI
LOCUS	S80780	41 bp
DEFINITION	gamma delta T cell antigen receptor delta-chain [V delta 1-J delta 1 junction] [human, skin lesion, Genomic, 41 nt].	07-MAY-1993
ACCESSION	S80780	
VERSION	S80780.1	GI:244968
KEYWORDS	human skin lesion.	
SOURCE	human skin lesion.	
ORGANISM	Homo sapiens	
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.	
AUTHORS	Uyemura,K., Klotz,J., Plimetz,C., Ohmen,J., Wang,X.H., Ho,C., Hoffman,W.L. and Modlin,R.L.	
TITLE	Microclonal clonality of gamma delta T cells in human leiostomatitis lesions	
JOURNAL	J. Immunol. 148 (4), 1205-1211 (1992)	
MEDLINE	92148143	
REMARK	GenBank staff at the National Library of Medicine created this	

entry [NCBI g1bbsq 80780] from the original journal article.
This sequence comes from Figure 4.

FEATURES

location/Qualifiers

1..41

source /organism="Homo sapiens"

/db_xref="taxon:9606"

gene

1..41

/partial

BASE COUNT 10 a 10 c 15 g 6 t

ORIGIN

Query Match 61.6%; Score 15.4; DB 9; Length 41;
Best Local Similarity 94.1%; Pred. No. 1.5e+04;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 atctgtgacccctctt 22

Db 39 ATCGGTGACCTCTTCTT 23

RESULT 2

LOCUS

E22161

60 bp DNA

PAT

07-FEB-2001

DEFINITION Yeast capable of low-temperature regulation of activation and methods for preparation and utilization thereof.

ACCESSION

E22161

VERSION E22161.1 GI:13023886

KEYWORDS

JP 1999042090-A/46.

SOURCE

unidentified.

ORGANISM

unclassified.

REFERENCE 1 (bases 1 to 60)

AUTHORS

Shun H.Y.K.K., Ogawa, Y.M.T.T., Yoshie, Y.K.O.O. and Takada.

TITLE

Yeast capable of low-temperature regulation of activation and methods for preparation and utilization thereof

JOURNAL

Patent: JP 1999042090-A 46 16-FEB-1999;

COMMENT

SHOWA SANGYO CO LTD, KANEKA CORP

OS

JP 1999042090-A/46

PN

16-FEB-1999

PF

29-JUL-1997 JP 1997203652

PR

PI

PI

SHUN HARASHIMA, YOSHINOBU KANEKO, AKIO OGAWA, YUKIO MUKAI, PI

TENSUJI TOMITA

YOSHIE YAMAMOTO, KOZO OTAKU, YUTO TAKADA

PC

C12N15/09, A21D8/04, A21D10/02, C12N1/19, C12N9/16, C12N1/19, PC

C12R1:865)

PC C12N15/00

CC

Strandedness: Single;

CC

Topology: Linear;

FH

key Location/Qualifiers

FT

source 1..60

FEATURES

Location/Qualifiers

source

1..60

BASE COUNT

14 a 15 c 9 g 22 t

ORIGIN

Query Match 60.0%; Score 15; DB 6; Length 60;
Best Local Similarity 78.3%; Pred. No. 2.2e+04;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 tcgactgtgacccctcttc 25

Db 11 TCAATCTTGACCTCTTCC 33

RESULT 3

AX081807 22 bp DNA PAT 27-FEB-2001
LOCUS AX081807
DEFINITION Sequence 51 from Patent WO0109183.
AX081807
VERSION AX081807.1 GI:13170611
KEYWORDS
SOURCE synthetic construct.
ORGANISM synthetic construct.
DEFINITION artificial sequence.
REFERENCE 1 (bases 1 to 22)
AUTHORS Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. and Roots, I.
TITLE Polymorphisms in the human mdr-1 gene and their use in diagnostic and therapeutic applications
JOURNAL Patent: WO 0109183-A 51 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
LOCATION/Qualifiers

FEATURES

1..22

source

/organism="synthetic construct"

BASE COUNT

4 a 4 c 4 g 10 t

ORIGIN

Query Match 58.4%; Score 14.6; DB 6; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.7e+04;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5 gacgtgacccctcttc 25

Db 1 GATCTGTGACCTCTTCTTTC 21

RESULT 4

LOCUS

AX081905

22 bp DNA

PAT

27-FEB-2001

DEFINITION

Sequence 149 from Patent WO0109183.

ACCESSION

AX081905

VERSION

AX081905.1 GI:13170712

KEYWORDS

synthetic construct.

SOURCE

artificial sequence.

REFERENCE

1 (bases 1 to 22)

AUTHORS

Polymorphisms in the human mdr-1 gene and their use in diagnostic and therapeutic applications

TITLE

Patent: WO 0109183-A 149 08-FEB-2001.

JOURNAL

EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)

LOCATION/Qualifiers

1..22

FEATURES

Location/Qualifiers

source

/organism="synthetic construct"

BASE COUNT

4 a 4 c 4 g 10 t

ORIGIN

Query Match 58.4%; Score 14.6; DB 6; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.7e+04;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5 gacgtgacccctcttc 25

Db 1 GATCTGTGACCTCTTCTTTC 21

RESULT 5

LOCUS

AX157013

51 bp DNA

PAT

22-JUN-2001

DEFINITION

Sequence 341 from Patent WO0140521.

ACCESSION

AX157013

VERSION

AX157013.1 GI:14538344

[illegible]

VERSION	AR004585.1	GI:3965464
KEYWORDS	Unknown.	
SOURCE	Unknown.	
ORGANISM	Unclassified.	
REFERENCE	1 (bases 1 to 23)	
AUTHORS	Jensen,M Anton.	
TITLE	Genetic markers and methods for the detection of escherichia coli serotype-0157:H7	
JOURNAL	Patent: US 5747257-A 8 05-MAY-1998;	
FEATURES	Location/Qualifiers	
source	1..23	
BASE COUNT	5 a 6 c 4 g 8 t	
ORIGIN	/organism="unknown"	
Query Match	56.0%; Score 14; DB 6; Length 23;	
Best Local Similarity	77.3%; Pred. No. 6.8e+04;	
Matches	17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;	
OY	2 ctccgactctgtatcccttcctt 23 Db 1 CTCATCTGAGAGCCGTACTT 22	
RESULT 8		
A41406 LOCUS A41406 47 bp DNA PAT 05-MAR-1997		
DEFINITION Sequence 6 from Patent WO9426886.		
ACCESSION A41406		
VERSION A41406.1 GI:2297122		
KEYWORDS .		
SOURCE unidentified.		
ORGANISM unidentified		
REFERENCE 1 (bases 1 to 47)		
AUTHORS Felici,F., Luzzago,A., Nicosia,A., Monaci,P. and Cortese,R.		
TITLE PROCESS FOR THE PREPARATION OF IMMUNOGENS OR DIAGNOSTIC REAGENTS, AND IMMUNOGENS OR DIAGNOSTIC REAGENTS THEREBY OBTAINABLE		
JOURNAL PATENT: WO 9426886-A 6 24-NOV-1994; ISTITUTO DI RICERCHE DI BIOLOG (IT) Other publication AU 6806994 941212 Other publication CA 2160486 941124 Other publication BR 9406595 960102 Other publication JP 8506493T 960716. location/Qualifiers		
FEATURES .		
source 1..47		
"/organism="unidentified"		
BASE COUNT 4 a 15 c 13 g 15 t		
ORIGIN /db_xref="taxon:32644"		
Query Match	55.2%; Score 13.8; DB 6; Length 47;	
Best Local Similarity	88.2%; Pred. No. 7.8e+04;	
Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
OY	7 tctgtgatcccttcctt 23 Db 5 TCTGGCGTCCTCTTT 21	
RESULT 9		
LOCUS AR091266 47 bp DNA PAT 07-SEP-2000		
DEFINITION Sequence 6 from patent US 5994083.		
ACCESSION AR091266		
VERSION AR091266.1 GI:10018021		
KEYWORDS .		
SOURCE Unknown.		
ORGANISM Unknown.		
Unclassified.		

REFERENCE 1 (bases 1 to 47)
 AUTHORS Felici,F., Luzzago,A., Monaci,P., Nicotola,A. and Cortese,R.
 TITLE Process for the preparation of immunogens or diagnostic reagents,
 and immunogens or diagnostic reagents thereby obtainable
 JOURNAL Patent: US 5994083-A 6 30-NOV-1999;
 FEATURES Location/Qualifiers
 SOURCE 1..47

BASE COUNT 4 a 15 c 13 g 15 t
 ORIGIN

Query Match 55.2%; Score 13.8; DB 6; Length 47;
 Best Local Similarity 88.2%; Pred. No. 7.8e+04;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7 tctgtgacccctctt 23
 Db 5 TCTGCGTCCCTTCTT 21

RESULT 10
 ARI38815
 LOCUS ARI38815 60 bp DNA
 DEFINITION Sequence 4 from patent US 6200758.
 ACCESSION ARI38815
 VERSION ARI38815.1 GI:14481160
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 60)
 AUTHORS Richardson,M,Ann.
 TITLE Phenylalanine hydroxylase gene variants, and amino acid and pterin
 homeostasis, in the definition, detection, treatment and prevention
 of psychotic, mood and personality disorders
 JOURNAL Patent: US 6200758-A 4 13-MAR-2001;
 FEATURES Location/Qualifiers
 source 1..60
 BASE COUNT 1 a 33 c 14 g 12 t
 ORIGIN

Query Match 55.2%; Score 13.8; DB 6; Length 60;
 Best Local Similarity 72.0%; Pred. No. 7.7e+04;
 Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 1 gtcgacgtgacccctcttgc 25
 Db 36 GCCCGTCTGTTCTTTTCATTCG 60

RESULT 11
 AX160625
 LOCUS AX160625 51 bp DNA
 DEFINITION Sequence 3953 from Patent WO0140521.
 ACCESSION AX160625
 VERSION AX160625.1 GI:14541956
 KEYWORDS
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
 REFERENCE 1 (bases 1 to 51)
 AUTHORS Shimkets,R.A. and Leach,M.
 TITLE Nucleic acids containing single nucleotide polymorphisms and
 methods of use thereof
 JOURNAL Patent: WO 0140521-A 3953 07-JUN-2001;
 FEATURES Location/Qualifiers
 source 1..51
 /organism="Homo sapiens"

misc.feature /db_xref="taxon:9606"
 26
 /note="1 of 2 allelic variants (3954 is other entry)
 Accession number cg43925525"
 BASE COUNT 9 a 14 c 9 g 19 t
 ORIGIN

Query Match 54.4%; Score 13.6; DB 6; Length 51;
 Best Local Similarity 80.0%; Pred. No. 9.6e+04;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3 tgcgtcgtgacccctctt 22
 Db 22 TGGACTGTGTCTCCGTTCTT 41

RESULT 12
 AX160626
 LOCUS AX160626 51 bp DNA
 DEFINITION Sequence 3954 from Patent WO0140521.
 ACCESSION AX160626
 VERSION AX160626.1 GI:14541957
 KEYWORDS
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
 REFERENCE 1 (bases 1 to 51)
 AUTHORS Shimkets,R.A. and Leach,M.
 TITLE Nucleic acids containing single nucleotide polymorphisms and
 methods of use thereof
 JOURNAL Patent: WO 0140521-A 3954 07-JUN-2001;
 FEATURES Location/Qualifiers
 source 1..51
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 26
 /note="2 of 2 allelic variants (3953 is other entry)
 Accession number cg43925525"
 BASE COUNT 10 a 13 c 9 g 19 t
 ORIGIN

Query Match 54.4%; Score 13.6; DB 6; Length 51;
 Best Local Similarity 80.0%; Pred. No. 9.6e+04;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3 tgcgtcgtgacccctctt 22
 Db 22 TGGACTGTGTCTCCGTTCTT 41

RESULT 13
 AF039629
 LOCUS AF039629 56 bp DNA
 DEFINITION Drosophila hydei xanthine dehydrogenase gene, intron II.
 ACCESSION AF039629
 VERSION AF039629.1 GI:2981344
 KEYWORDS
 SOURCE Drosophila hydei.
 ORGANISM Drosophila hydei
 Eukaryota; Metazoa; Arthropoda; Tracheata; Hexapoda; Insecta;
 Pterygota; Neoptera; Endopterygota; Diptera; Brachycera;
 Muscomorpha; Ephydroidea; Drosophilidae; Drosophila.
 REFERENCE 1 (bases 1 to 56)
 AUTHORS Tarrío,R., Rodríguez-Trelles,F. and Ayala,F.J.
 TITLE New drosophila introns originate by duplication
 JOURNAL Proc. Natl. Acad. Sci. U.S.A. 95 (4), 1658-1662 (1998)
 MEDLINE 98132647
 REFERENCE 2 (bases 1 to 56)
 AUTHORS Tarrío,R., Rodríguez-Trelles,F. and Ayala,F.J.

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